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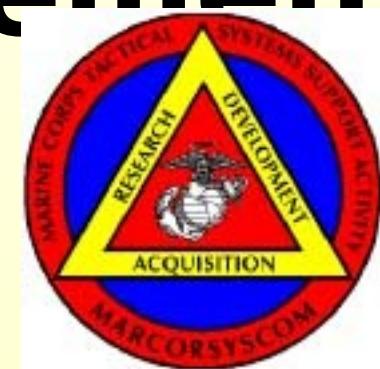


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C2 System Synchronization Management



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Origin

COE Configuration and Review Board Action Item from July 25, 2001 meeting:

- Describe various groups working to coordinate technical and programmatic issues across Service and Joint systems; and**
- Recommend roles, responsibilities, and mechanisms for the groups to work together.**
- Clarify expectations for each group; and focus groups on the objectives of:**
 - interoperability over the network; and**
 - absolute portability of application segments.**
- Ensure that the right people participate in the COE Systems Engineering Working Group.**

Problem Description

- **COE Objectives**
 - Interoperability over the network
 - Absolute portability of application segments
- **For this, C2 system developers must agree on detailed technical and programmatic outcomes -- e.g.,**
 - use same version of COE by specific date
 - support single or multiple symbology sets

Current Situation

COE Development

Configuration Review
and Control Board

Architecture Oversight
Group

Technical Working
Groups

Systems
Engineering
Working
Group

System Sync

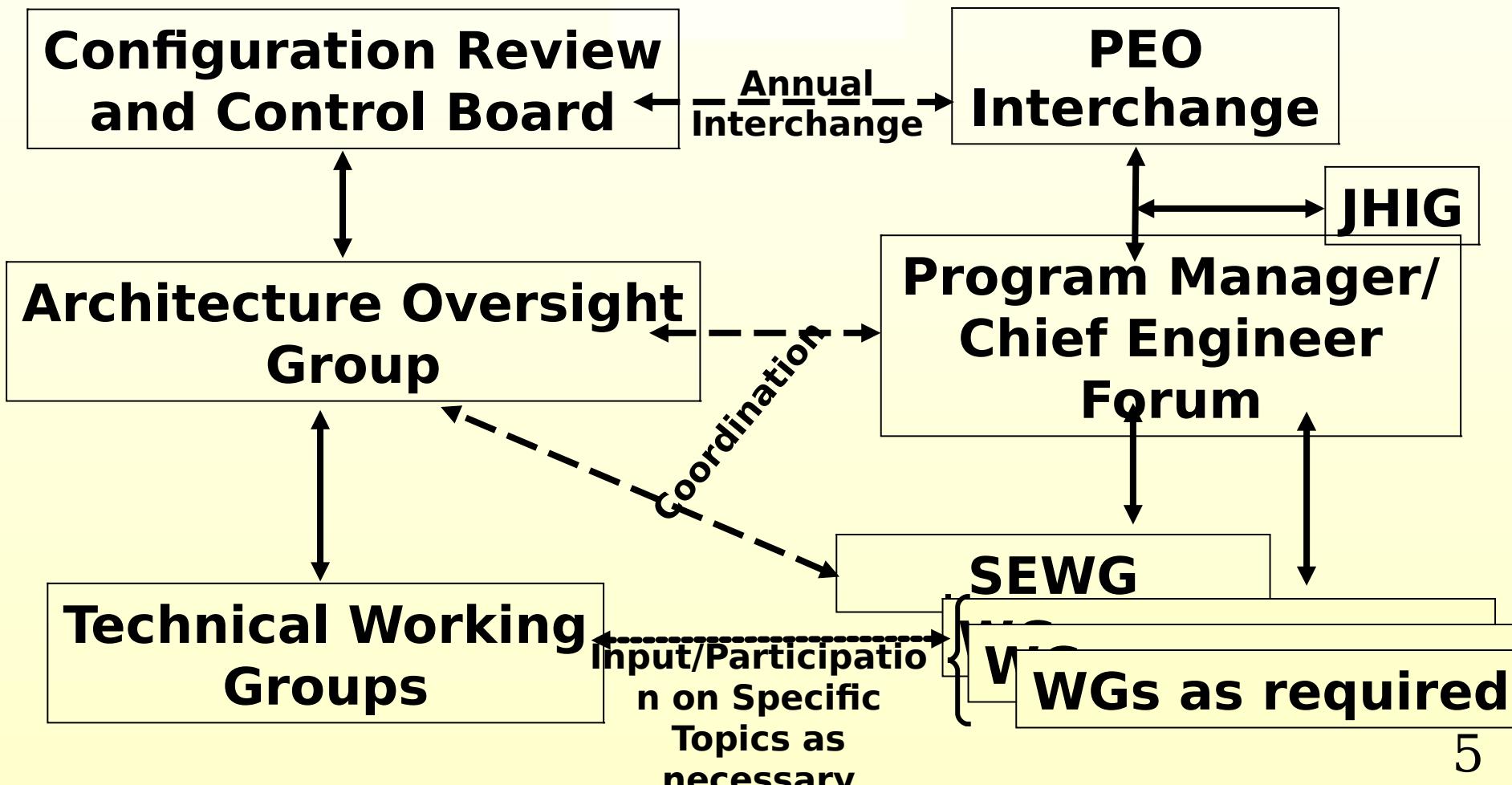
PEO Interchange

Joint Horizontal
Integration
(JHI) Group

Flagship C2 Systems
Chief Engineers

Recommended Structure and Relationships

COE



Relationships

- **Annual PEO/CRCB coordination meeting**
- **PMs/CEs coordinate COE issues with Service AOG reps**
- **PM/CE Forum assigns specific actions to a working group**
 - **SEWG (also provides feedback to AOG)**
 - **Ad hoc working group**
 - **May engage TWGs if appropriate and assign program participation**

Next Steps

C2 Flagship Chief Engineers should take the lead on refining the System Sync management structure

- Coordinate with PEOs, JHIG, SEWG, COE**
- COE will coordinate within its management structure**

Backup
s

Current Situation (detail)

- **COE Development**
 - Established management structure
- **(COE) Systems Engineering Working Group**
 - Tactical, engineering/technical organization
- **Program Executive Officer Interchange (PEO-I)**
 - AF PEO C2 & CS, Army PEO C3S, SPAWAR CE, CMDR MARCORSYSCOM, DISA D6
 - Look for synergies among programs for interoperability
- **Joint Horizontal Integration/Joint PEO-I (JHI/JPI) Group**
 - “Deputy PEOs”
 - Coordinate and implement PEO interchange taskings
- **Flagship C2 systems chief engineers**
 - Engineering and programmatic leads working on synchronization issues (first meeting 16 Aug)

Recommended General Management Structure

COE Development

Configuration Review and Control Board

Architecture Oversight Group

Technical Working Groups

Unchanged

System Sync

Service-Level Executives

System-Level Decision Makers

Program-Level Technical Action Officers

Focus shifts to system-level decision makers

Recommendation: Service-Level Executives

- **Membership - PEO Interchange**
 - Acquisition Executives for “flagship” Service and Joint C4I systems using COE 4.x
 - Initially: GCCS and Service variants, TBMCS, ABCS, MSBL
- **Charter**
Improved joint interoperability and decreased time/cost to market
- **Frequency: Semi-annually**

Recommendation: System-Level Decision

- **Membership - PM/CE Forum Makers**
 - Flagship C2 Program decision makers
 - Government program decision authority (e.g., Program Manager); and
 - Government engineering lead (e.g., Chief Engineer or Technical Director)
- **Charter**
 - Implement solutions that maximize cross-system network interoperability and portability in a COE 4.x environment
- **Frequency: Quarterly**

Recommendation: Program-Level Action

- **Addressing specific actions**

- SEWG
 - Ad hoc working groups
 - Potential referral to TWGs

- **Membership**

Technical action officers as assigned by the system-level decision makers

- **Charter**

Technical coordination among systems and the COE; recommend courses of action

- **Frequency - as required for action**

Officers

Group Foci

- **SEWG: COE level component issues**
- **CE/PM: interoperability, compatibility and portability/commonality of "mission application" oriented components**
- **Flagship Programs: GCCS, GCCS-A, GCCS-M, TBMCS, ABCS, MSBL**